

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	824	equalizer.ab. and (channel with frequency and based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:40
S2	90	equalizer.ab. and (channel with frequency with based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 14:31
S3	7	S2 and (rf near3 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 14:31
S4	25	(channel with frequency with based with equaliz\$7) and (rf with filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:01
S5	1175	(channel with based with equaliz\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 14:39
S6	6	(channel adj based adj equaliz\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 15:47
S7	3726	"455"/\$.ccls. and equaliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:45
S8	54	S7 and (rf adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 08:38

## EAST Search History

S9	22	(equalize with rf with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:27
S10	3	(equalize with rf with amplifier) same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:27
S11	65	(equaliz\$7 with rf with amplifier) same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:29
S12	5	S11 and (duplex\$4 duplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:31
S13	4	S11 and "group delay"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:32
S14	149	"455"/\$.ccls. and equaliz\$6 and (bandpass with filter) and non\$linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 17:35
S15	0	"455"/\$.ccls. same equaliz\$6 same (bandpass with filter) same non\$linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:47
S16	0	"455"/\$.ccls. same equaliz\$6 same (bandpass with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:46

## EAST Search History

S17	118	"455"/\$.ccls. and equaliz\$6 same (bandpass with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:46
S18	7	"455"/\$.ccls. and equaliz\$6 same (bandpass with filter) same non\$linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 15:47
S19	21	("4041389").URPN.	USPAT	OR	OFF	2005/04/29 16:01
S20	16	\$2cdma and (((rf bandpass) near2 filter\$3) with equaliz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:29
S21	2	\$2cdma and (equaliz\$6 same fir same pre\$distort) and dsp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:36
S22	16	\$2cdma and (equaliz\$6 same pre\$distort) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:33
S23	161	(equaliz\$6 same pre\$distort) and fir and rf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:33
S24	17	(equaliz\$6 same pre\$distort) and fir and rf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:33
S25	15	("20020012404"   "20020047746"   "20020089374"   "20020105379"   "20030184373"   "5963091"   "6154093"   "6166601"   "6166603"   "6172565"   "6236267"   "6281747"   "6288610"   "6366177"   "6417731").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/29 16:34

## EAST Search History

S26	1442	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:37
S27	410	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter) and cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:37
S28	81	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter) and cdma and dsp and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:38
S29	8	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter) and cdma and fir and pre\$distort	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:49
S30	2800	rf and cdma and (diplex\$4 duplex\$4) and antenna and transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:50
S31	59	rf.ab. and cdma.ab. and (diplex\$4 duplex\$4) and antenna and transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:52
S32	10	("5317595" "5828701" "5835526" "6011812" "5910756").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 16:52
S33	3844	"455"/78,83,114.1-114.3,158.1,227,231,284,285,293,304,306,307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 17:45

## EAST Search History

S34	195	S33 and equaliz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 17:45
S35	216	S33 and equaliz\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 17:45
S36	89	S35 and rf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/29 17:45
S37	1	"6584090".pn.	USPAT	OR	OFF	2005/08/18 15:47
S38	154	cdma with equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 15:47
S39	57	cdma with equalizer with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/18 15:48
S40	3838	((rf near "2" filter) same equaliz\$5) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:42
S41	44	((rf near "2" filter) same equaliz\$5 same predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:46
S42	0	((rf near2 filter) same equaliz\$5 same predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:51

## EAST Search History

S43	4	((rf near2 filter) same equaliz\$5 same predistort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:48
S44	50	((rf near2 filter) with equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:48
S45	10	S44 and \$1cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:49
S46	0	((rf near2 filter) with predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 12:50
S47	7	((rf near2 filter) with predistort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:07
S48	44	((filter) same equaliz\$5 same predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:03
S49	243	\$1cdma and ((pre\$equaliz\$5 pre\$distort\$4) with rf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:04
S50	44	\$1cdma and ((pre\$equaliz\$5 pre\$distort\$4) with rf with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:54

## EAST Search History

S51	258	(equalizer and fir).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:55
S52	3	S51 and ((vary\$4 chang\$4) with (number near2 taps))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 13:57
S53	54	equalizer.ab. and ((vary\$4 chang\$4) with (number near2 taps))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:06
S54	19	S53 and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:06
S55	131	equalizer.ab. and ((increas\$4 decreas\$4) with (number near2 taps))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:06
S56	47	S55 and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:28
S57	11	equalizer same (variable near2 number near2 taps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:28
S58	4335	"455"/78,83,114.1-114.3,158.1,227, 231,284,285,293,304,306,307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 11:22

## EAST Search History

S59	22	S58 and (selectiv\$4 with equaliz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 11:32
S60	0	S58 and (equaliz\$4 with specific with channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 11:33
S61	301	(equaliz\$4 with specific with channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 11:33
S62	22	"455"/\$.ccls. and (equaliz\$4 with specific with channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:33
S63	26	("5212803").URPN.	USPAT	OR	OFF	2006/08/15 11:53
S64	9	S63 and equaliz\$4	USPAT	OR	OFF	2006/08/15 11:53
S65	0	"455"/\$.ccls. and ((rf with feed\$forward with amplifier) same (rf near2 filter) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:34
S66	64	"455"/\$.ccls. and ((rf with amplifier with transmit) same (rf near2 filter) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:35
S67	0	"455"/\$.ccls. and ((rf with amplifier with transmit) same (rf near2 filter) ) and feed\$forward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:35
S68	27	"455"/\$.ccls. and ((rf with amplifier) same (rf near2 filter) ) and feed\$forward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/15 12:35



## EAST Search History

S69	331	class with g with amplifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:10
S70	240	amplifier with bias with ramp\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:18
S71	0	S70 and (\class\$g (class with g) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:11
S72	0	S70 and (class\$g (class with g) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:24
S73	344	(switch with ((fet bjt transistor) near2 pair)) and ramp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:19
S74	40	S73 and amplifier.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:18
S75	21	(switch with ((fet bjt transistor) near2 pair)) and (ramp\$3 near3 (bias supply) )\	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:24
S76	300	((bias supply) with ramp with control\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:24

## EAST Search History

S77	1	S76 and (class\$g (class with g )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:39
S78	653	330/127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:36
S79	1427	((fet mosfet) near2 pair) with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:37
S80	273	((((fet mosfet) near2 pair) with switch\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:37
S81	101	((((fet mosfet) near2 pair) with switch\$3).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:37
S82	23	((((fet mosfet) near2 pair) near2 switch).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 12:04
S83	4	((((fet mosfet) near2 pair) near2 switch).ab. and amplifier and (overdriv\$3 saturat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:43
S84	0	((((fet mosfet) near2 pair) near2 switch).ab. and ramp\$3 and (overdriv\$3 saturat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:43

## EAST Search History

S85	19	((fet mosfet) near2 pair) near2 switch) and ramp\$3 and (overdriv\$3 saturat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:43
S86	20	((fet mosfet) near2 switch).ab. and (saturat\$4 overdriv\$4) and ramp\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 12:40
S87	692	330/297.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 13:06
S88	956	363/41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 12:41
S89	158	(S87 S88 ) and ramp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 12:51
S90	23	S89 and ((fet mosfet) near2 switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 12:42
S91	35	(S87) and ramp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 12:51
S92	39	330/297.ccls.	US-PGPUB	OR	ON	2006/08/17 13:06
S93	1173	equalizer.ab. and (channel with frequency and based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S94	148	equalizer.ab. and (channel with frequency with based)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S95	10	S94 and (rf near3 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:14
S96	52	(channel with frequency with based with equaliz\$7) and (rf with filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S97	1934	(channel with based with equaliz\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S98	9	(channel adj based adj equaliz\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S99	4791	"455"/\$.ccls. and equaliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 0	74	S99 and (rf adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 1	40	(equalize with rf with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S10 2	85	(equaliz\$7 with rf with amplifier) same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 3	3	(equalize with rf with amplifier) same channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 4	7	S102 and (duplex\$4 duplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 5	5	S102 and "group delay"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 6	185	"455"/\$.ccls. and equaliz\$6 and (bandpass with filter) and non\$linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 7	0	"455"/\$.ccls. same equaliz\$6 same (bandpass with filter) same non\$linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S10 8	0	"455"/\$.ccls. same equaliz\$6 same (bandpass with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:17
S10 9	130	"455"/\$.ccls. and equaliz\$6 same (bandpass with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S11 0	7	"455"/\$.ccls. and equaliz\$6 same (bandpass with filter) same non\$linear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S11 1	22	("4041389").URPN.	USPAT	OR	OFF	2007/05/17 03:10
S11 2	31	\$2cdma and (((rf bandpass) near2 filter\$3) with equaliz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S11 3	4	\$2cdma and (equaliz\$6 same fir same pre\$distort) and dsp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S11 4	27	\$2cdma and (equaliz\$6 same pre\$distort) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S11 5	175	(equaliz\$6 same pre\$distort) and fir andrf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S11 6	27	(equaliz\$6 same pre\$distort) and fir and rf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S11 7	15	("20020012404"   "20020047746"   "20020089374"   "20020105379"   "20030184373"   "5963091"   "6154093"   "6166601"   "6166603"   "6172565"   "6236267"   "6281747"   "6288610"   "6366177"   "6417731"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 03:10
S11 8	2208	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S11 9	697	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter) and cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 0	133	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter) and cdma and dsp and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 1	15	(rf and (duplex\$4 duplex\$4) and equaliz\$6 and filter) and cdma and fir and pre\$distort	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 2	4429	rf and cdma and (duplex\$4 duplex\$4) and antenna and transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 3	88	rf.ab. and cdma.ab. and (duplex\$4 duplex\$4) and antenna and transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 4	10	("5317595" "5828701" "5835526" "6011812" "5910756").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 5	4637	"455"/78,83,114.1-114.3,158.1,227,231,284,285,293,304,306,307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 6	273	S125 and equaliz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S12 7	300	S125 and equaliz\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 8	139	S127 and rf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S12 9	1	"6584090".pn.	USPAT	OR	OFF	2007/05/17 03:10
S13 0	249	cdma with equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 1	81	cdma with equalizer with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 2	4573	((rf near "2" filter) same equaliz\$5) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 3	55	((rf near "2" filter) same equaliz\$5 same predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 4	0	((rf near2 filter) same equaliz\$5 same predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 5	4	((rf near2 filter) same equaliz\$5 same predistort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10



## EAST Search History

S13 6	63	((rf near2 filter) with equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 7	20	S136 and \$1cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 8	0	((rf near2 filter) with predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S13 9	11	((rf near2 filter) with predistort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 0	55	((filter) same equaliz\$5 same predistort\$3) and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 1	329	\$1cdma and ((pre\$equaliz\$5 pre\$distort\$4) with rf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 2	57	\$1cdma and ((pre\$equaliz\$5 pre\$distort\$4) with rf with filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 3	300	(equalizer and fir).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S14 4	4	S143 and ((vary\$4 chang\$4) with (number near2 taps))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 5	62	equalizer.ab. and ((vary\$4 chang\$4) with (number near2 taps))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 6	22	S145 and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 7	146	equalizer.ab. and ((increas\$4 decreas\$4) with (number near2 taps))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 8	55	S147 and fir	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S14 9	13	equalizer same (variable near2 number near2 taps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 0	4637	"455"/78,83,114.1-114.3,158.1,227, 231,284,285,293,304,306,307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 1	22	S150 and (selectiv\$4 with equaliz\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S15 2	1	S150 and (equaliz\$4 with specific with channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 3	336	(equaliz\$4 with specific with channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 4	26	"455"/\$.ccls. and (equaliz\$4 with specific with channels)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 5	26	("5212803").URPN.	USPAT	OR	OFF	2007/05/17 03:10
S15 6	9	S155 and equaliz\$4	USPAT	OR	OFF	2007/05/17 03:10
S15 7	1	"455"/\$.ccls. and ((rf with feed\$forward with amplifier) same (rf near2 filter) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 8	75	"455"/\$.ccls. and ((rf with amplifier with transmit) same (rf near2 filter) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S15 9	1	"455"/\$.ccls. and ((rf with amplifier with transmit) same (rf near2 filter) ) and feed\$forward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 0	30	"455"/\$.ccls. and ((rf with amplifier) same (rf near2 filter) ) and feed\$forward	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S16 1	349	class with g with amplifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 2	257	amplifier with bias with ramp\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 3	0	S162 and (\class\$g (class with g) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 4	0	S162 and (class\$g (class with g) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 5	364	(switch with ((fet bjt transistor) near2 pair)) and ramp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 6	44	S165 and amplifier.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 7	27	(switch with ((fet bjt transistor) near2 pair)) and (ramp\$3 near3 (bias supply) )\	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S16 8	310	((bias supply) with ramp with control\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10

## EAST Search History

S16 9	2	S168 and (class\$g (class with g) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 0	659	330/127.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 1	1512	((fet mosfet) near2 pair) with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 2	283	((fet mosfet) near2 pair) with switch\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 3	102	((fet mosfet) near2 pair) with switch\$3).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:14
S17 4	23	((fet mosfet) near2 pair) near2 switch).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 5	5	((fet mosfet) near2 pair) near2 switch).ab. and amplifier and (overdriv\$3 saturat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 6	0	((fet mosfet) near2 pair) near2 switch).ab. and ramp\$3 and (overdriv\$3 saturat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:14

## EAST Search History

S17 7	21	((fet mosfet) near2 pair) near2 switch) and ramp\$3 and (overdriv\$3 saturat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 8	21	((fet mosfet) near2 switch).ab. and (saturat\$4 overdriv\$4) and ramp\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S17 9	993	363/41.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:14
S18 0	739	330/297.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S18 1	170	(S180 S179 ) and ramp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S18 2	25	S181 and ((fet mosfet) near2 switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S18 3	42	(S180) and ramp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:10
S18 4	50	330/297.ccls.	US-PGPUB	OR	ON	2007/05/17 03:14
S18 5	25622	rf with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:18

## EAST Search History

S18 6	8720	rf near2 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:18
S18 7	767	S186 and filter with (non\$linear distortion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:20
S18 8	767	S186 and (filter with (non\$linear distortion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:18
S18 9	113	S188 and ((equaliz\$5 remov\$4) near2 (distortion noise non\$linear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:21
S19 0	309	S186 and filter with (non\$linear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:20
S19 1	60	S190 and ((equaliz\$5 remov\$4) near2 (distortion noise non\$linear))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:21
S19 2	37	S191 and baseband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 03:21
S19 3	657	((filter) with predistort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:16

## EAST Search History

S19 4	832	455/114.2,114.3,308,309.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:48
S19 5	1095	375/296,297.ccls.	USPAT	OR	OFF	2007/05/30 15:23
S19 6	119	(S194 S195) and S193	USPAT	OR	OFF	2007/05/30 15:27
S19 7	108	S196 and \$3compensat\$4	USPAT	OR	OFF	2007/05/30 14:14
S19 8	74	S197 and baseband	USPAT	OR	OFF	2007/05/30 14:16
S19 9	73	((rf with filter) with predistort\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:22
S20 0	19	(S194 S195) and S199	USPAT	OR	OFF	2007/05/30 14:22
S20 1	60	((rf with filter) with predistort\$3) and baseband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:22
S20 2	1427	375/296,297,254.ccls.	USPAT	OR	OFF	2007/05/30 15:23
S20 3	4647	"455"/78,83,114.1-114.3,158.1,227,231,284,285,293,304,306,307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:26
S20 4	34	S203 and S193	USPAT	OR	OFF	2007/05/30 15:34
S20 5	7	S204 and filter.ab.	USPAT	OR	OFF	2007/05/30 15:34
S20 6	2099	455/114.2,114.3,296.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:53
S20 7	315	455/114.2,114.3,296.ccls.	US-PGPUB	OR	ON	2007/05/30 15:53